

Shintaro Yasui

List of Publications by Year in descending order

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145
papers

2,309
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299175

39
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146
all docs

146
docs citations

146
times ranked

3225
citing authors

#	ARTICLE	IF	CITATIONS
1	Rearrangement and expression of T cell antigen receptor and gamma genes during thymic development.. Journal of Experimental Medicine, 1986, 164, 1-24.	8.8	177
2	Epitaxial LiCoO ₂ Films as a Model System for Fundamental Electrochemical Studies of Positive Electrodes. ACS Applied Materials & Interfaces, 2015, 7, 7901-7911.	8.3	70
3	Electric-field-temperature phase diagram of Mn-doped Bi _{0.5} (Na _{0.9} K _{0.1}) _{0.5} TiO ₃ ceramics. Applied Physics Letters, 2015, 107, .	3.2	62
4	Analysis for crystal structure of Bi(Fe,Sc)O ₃ thin films and their electrical properties. Applied Physics Letters, 2007, 91, .	3.2	60
5	Ferroelectricity in wurtzite structure simple chalcogenide. Applied Physics Letters, 2014, 104, .	3.2	60
6	Neuropsychiatric subsyndromes and brain metabolic network dysfunctions in early onset Alzheimer's disease. Human Brain Mapping, 2016, 37, 4234-4247.	3.7	57
7	Anomalous magnetoresistance in the spinel superconductor LiTi ₂ O ₄ . Nature Communications, 2015, 6, 7183.	13.2	55
8	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO ₃ Treatment on LiCoO ₂ Cathode Thin Film Batteries. Nano Letters, 2019, 19, 1688-1694.	9.5	52
9	Organization and Efficacy of an Out-patient Hypertension Clinic. Acta Medica Scandinavica, 1978, 203, 391-398.	0.0	51
10	Crystal Structure Analysis of Epitaxial BiFeO ₃ -BiCoO ₃ Solid Solution Films Grown by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2007, 46, 6948-6951.	1.6	48
11	Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic Ga _x Fe _{2-x} O ₃ Epitaxial Thin Films. Advanced Functional Materials, 2018, 28, 1704789.	16.5	47
12	Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. Applied Physics Letters, 2014, 104, 082906.	3.2	44
13	Crystal Structure and Electrical Properties of {100}-Oriented Epitaxial BiCoO ₃ -BiFeO ₃ Films Grown by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2008, 47, 7582.	1.6	40
14	Properties and primary structure of a thermostable l-malate dehydrogenase from Archaeoglobus fulgidus. Archives of Microbiology, 1997, 168, 59-67.	2.2	39
15	Enhancement of ferroelectric and magnetic properties in BiFeO ₃ films by small amount of cobalt addition. Journal of Applied Physics, 2008, 103, .	2.3	36
16	Mechanism of polarization switching in wurtzite-structured zinc oxide thin films. Applied Physics Letters, 2016, 109, .	3.2	36
17	Simple Method to Obtain Large-Size Single-Crystalline Oxide Sheets. Advanced Functional Materials, 2020, 30, 2001236.	16.5	36
18	Low-Temperature High-Rate Capabilities of Lithium Batteries via Polarization-Assisted Ion Pathways. Advanced Electronic Materials, 2018, 4, 1700413.	5.4	34

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19	Investigation of residual stress in lead-free BNT-based ceramic/ceramic composites. <i>Acta Materialia</i> , 2018, 148, 432-441.	8.0	34
20	Structural study of epitaxial LiCoO ₂ films grown by pulsed laser deposition on single crystal SrTiO ₃ substrates. <i>Thin Solid Films</i> , 2016, 612, 472-482.	1.9	33
21	Ferroelectric BaTaO ₂ N Crystals Grown in a BaCN ₂ Flux. <i>Inorganic Chemistry</i> , 2019, 58, 16752-16760.	4.2	32
22	Measurement of transient photoabsorption and photocurrent of BiFeO ₃ thin films: Evidence for long-lived trapped photocarriers. <i>Physical Review B</i> , 2014, 89, .	3.3	30
23	Ferrimagnetism and Ferroelectricity in Cr-Substituted GaFeO ₃ Epitaxial Films. <i>Chemistry of Materials</i> , 2018, 30, 1436-1441.	7.1	29
24	Domain structure of (100)/(001)-oriented epitaxial PbTiO ₃ thick films with various volume fraction of (001) orientation grown by metal organic chemical vapor deposition. <i>Applied Physics Letters</i> , 2009, 94, .	3.2	28
25	Growth of Epitaxial 100-Oriented KNbO ₃ –NaNbO ₃ Solid Solution Films on (100)SrRuO ₃ by Hydrothermal Method and Their Characterization. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09ND11.	1.6	27
26	Direct observation of intrinsic piezoelectricity of Pb(Zr,Ti)O ₃ by time-resolved x-ray diffraction measurement using single-crystalline films. <i>Applied Physics Letters</i> , 2014, 105, .	3.2	25
27	Crystal Isomers of ScFeO ₃ . <i>Crystal Growth and Design</i> , 2016, 16, 5214-5222.	3.2	25
28	In-situ observation of ultrafast 90° domain switching under application of an electric field in (100)/(001)-oriented tetragonal epitaxial Pb(Zr _{0.4} Ti _{0.6})O ₃ thin films. <i>Scientific Reports</i> , 2017, 7, 9641.	3.4	25
29	Chemical tuning of room-temperature ferrimagnetism and ferroelectricity in Lu-Fe ₂ O ₃ -type multiferroic oxide thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12597-12601.	5.6	25
30	The single-crystal multinary compound Cu ₂ ZnSnS ₄ as an environmentally friendly high-performance thermoelectric material. <i>Applied Physics Express</i> , 2018, 11, 051203.	2.4	25
31	Ultrafast switching of ferroelastic nanodomains in bilayered ferroelectric thin films. <i>Applied Physics Letters</i> , 2011, 99, .	3.2	23
32	Composition dependency of crystal structure, electrical and piezoelectric properties for hydrothermally-synthesized 3 μm-thickness (K _{1-x} Na _x) _{1-3x} NbO ₃ films. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 627-631.	1.3	22
33	Achieved Blood Pressures in the Secondary Prevention of Small Subcortical Strokes (SPS3) Study: Challenges and Lessons Learned. <i>American Journal of Hypertension</i> , 2014, 27, 1052-1060.	1.9	22
34	Cation-Deficiency-Induced Crystal-Site Engineering for ZnGa ₂ O ₄ :Mn ²⁺ Thin Film. <i>Inorganic Chemistry</i> , 2020, 59, 8744-8748.	4.2	22
35	Interface control of a morphotropic phase boundary in epitaxial samarium modified bismuth ferrite superlattices. <i>Physical Review B</i> , 2014, 90, .	3.3	21
36	Control of crystal-domain orientation in multiferroic Ga _{0.6} Fe _{1.4} O ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2017, 110, .	3.2	21

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37	Annealing Temperature Dependences of Ferroelectric and Magnetic Properties in Polycrystalline Co-Substituted BiFeO ₃ Films. Japanese Journal of Applied Physics, 2008, 47, 7574-7578.	1.6	20
38	Growth of Epitaxial KNbO ₃ Thick Films by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2009, 48, 09KA14.	1.6	20
39	Reversible electrochemical modulation of the superconducting transition temperature of LiTi ₂ O ₄ ultrathin films by ionic liquid gating. Applied Physics Letters, 2015, 107, 142602.	3.2	20
40	Asymmetry in mechanical polarization switching. Applied Physics Letters, 2017, 110, .	3.2	20
41	In-situ lattice-strain analysis of a ferroelectric thin film under an applied pulse electric field. AIP Conference Proceedings, 2010, .	1.0	19
42	Ferroelectric and piezoelectric properties of (K,Na)NbO ₃ thick films prepared on metal substrates by hydrothermal method. Journal of the Korean Physical Society, 2013, 62, 1055-1059.	0.7	19
43	Orientation control of (001) and (101) in epitaxial tetragonal Pb(Zr,Ti)O ₃ films with (100)/(001) and (110)/(101) mixture orientations. Journal of the Ceramic Society of Japan, 2010, 118, 627-630.	1.3	18
44	Enhancement of magnetization at morphotropic phase boundary in epitaxial BiCoO ₃ -BiFeO ₃ solid solution films grown on SrTiO ₃ (100) substrates. Journal of Applied Physics, 2011, 109, .	2.3	18
45	Composition control and thickness dependence of {100}-oriented epitaxial BiCoO ₃ -BiFeO ₃ films grown by metalorganic chemical vapor deposition. Journal of Applied Physics, 2009, 105, 061620.	2.3	17
46	Complex domain structure in relaxed PbTiO ₃ thick films grown on (100)cSrRuO ₃ /(100)SrTiO ₃ substrates. Journal of Applied Physics, 2012, 112, .	2.3	17
47	Elucidation of crystal and electronic structures within highly strained BiFeO ₃ by transmission electron microscopy and first-principles simulation. Scientific Reports, 2017, 7, 46498.	3.4	17
48	Structural, magnetic, and ferroelectric properties of T-like cobalt-doped BiFeO ₃ thin films. APL Materials, 2018, 6, .	4.8	17
49	Body composition adaptations to lower-body plyometric training: a systematic review and meta-analysis. Biology of Sport, 2022, 39, 273-287.	3.4	16
50	Film Thickness Dependence of Ferroelectric Properties of (111)-Oriented Epitaxial Bi(Mg _{1/2} Ti _{1/2})O ₃ Films. Japanese Journal of Applied Physics, 2012, 51, 09LA04.	1.6	15
51	Growth of (111)-oriented BaTiO ₃ -Bi(Mg _{0.5} Ti _{0.5})O ₃ epitaxial films and their crystal structure and electrical property characterizations. Journal of Applied Physics, 2012, 111, .	2.3	15
52	Evidence of ferroelectricity in ferrimagnetic α -Al ₂ O ₃ -type In _{0.25} Fe _{1.75} O ₃ films. Applied Physics Letters, 2016, 109, .	3.2	15
53	Ultrafast charge transfer at the electrode-electrolyte interface via an artificial dielectric layer. Journal of Power Sources, 2021, 494, 229710.	8.0	15
54	Enhancement of crystal anisotropy and ferroelectricity by decreasing thickness in (Al,Sc)N films. Journal of the Ceramic Society of Japan, 2022, 130, 436-441.	1.3	15

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55	Formation of BiFeO ₃ ∕BiScO ₃ Thin Films and Their Electrical Properties. Japanese Journal of Applied Physics, 2006, 45, 7321-7324.	1.6	14
56	High temperature stability of the dielectric and insulating properties of Ca(Ti, Zr)SiO ₅ ceramics. Applied Physics Letters, 2016, 108, .	3.2	14
57	Crystal structure and magnetism in \hat{r} -Al ₂ O ₃ -type Al _x Fe _{2-x} O ₃ films on SrTiO ₃ (111). Journal of Applied Physics, 2017, 122, 015301.	2.3	14
58	Tensile stress effect on epitaxial BiFeO ₃ thin film grown on KTaO ₃ . Scientific Reports, 2018, 8, 893.	3.4	14
59	Switchable third ScFeO ₃ polar ferromagnet with YMnO ₃ -type structure. Journal of Materials Chemistry C, 2020, 8, 4447-4452.	5.6	14
60	Design of a KNN-BZT Ceramic with High Energy Storage Properties and Transmittance under Low Electric Fields. ACS Omega, 2023, 8, 7883-7890.	3.6	14
61	<i>In situ</i> Observation of the Fatigue-Free Piezoelectric Microcantilever by Two-Dimensional X-ray Diffraction. Japanese Journal of Applied Physics, 2009, 48, 09KA03.	1.6	13
62	Phase transitions associated with competing order parameters in compressively strained SrTiO ₃ films. Physical Review B, 2015, 91, .	1.6	13
63	Room-Temperature Antiferroelectricity in Multiferroic Hexagonal Rare-Earth Ferrites. ACS Applied Materials & Interfaces, 2021, 13, 4230-4235.	8.3	13
64	Piezoelectric Properties of {100}-Oriented Epitaxial BiCoO ₃ ∕BiFeO ₃ Films Measured Using Synchrotron X-ray Diffraction. Japanese Journal of Applied Physics, 2009, 48, 09KD06.	1.6	12
65	Effect of Film Thickness and Crystal Orientation on the Constituent Phase in Epitaxial BiFeO ₃ ∕BiCoO ₃ Films Grown on SrTiO ₃ Substrates. Japanese Journal of Applied Physics, 2010, 49, 09MB04.	1.6	12
66	Domain tuning in mixed-phase BiFeO ₃ thin films using vicinal substrates. Applied Physics Letters, 2012, 100, .	3.2	12
67	Wide-Open: Accelerating public data release by automating detection of overdue datasets. PLoS Biology, 2017, 15, e2002477.	5.4	12
68	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. Cerebral Cortex, 2019, 29, 372-382.	3.2	12
69	Synthetic vermiculite and diatomite properties of \hat{r} -Al ₂ O ₃ -type Al _x Fe _{2-x} O ₃ films. Applied Physics Letters, 2017, 110, 101101.	2.5	12
70	Epitaxially grown ferroelectric thin films for memory applications (ferroelectric random access) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.3	11
71	Temperature and electric field stabilities of dielectric and insulating properties for <i>c</i> -axis-oriented CaBi ₄ Ti ₄ O ₁₅ films. Journal of Applied Physics, 2013, 114, .	2.3	11
72	The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO ₂ cathode film. Journal of Power Sources, 2019, 441, 227194.	8.0	11

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73	Composition dependence of crystal structure and electrical properties for epitaxial films of Bi(Zn _{1/2} Ti _{1/2})O ₃ -BiFeO ₃ solid solution system. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 659-663.	1.3	10
74	Unusual 90° domain structure in (2/3)Bi(Zn _{1/2} Ti _{1/2})O ₃ -(1/3)BiFeO ₃ epitaxial films with giant 22% tetragonal distortion. <i>Applied Physics Letters</i> , 2013, 103, .	3.2	10
75	Ba(Zr Ti _{1-x})O ₃ thin films for tunable microwave applications. <i>Ceramics International</i> , 2015, 41, S323-S330.	4.9	10
76	Large irreversible non-180° domain switching after poling treatment in Pb(Zr, Ti)O ₃ films. <i>Applied Physics Letters</i> , 2016, 108, .	3.2	10
77	Growth of CuSbS ₂ Single Crystal as an Environmentally Friendly Thermoelectric Material. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800861.	1.9	10
78	Ionic Order Engineering in Double-Perovskite Cobaltite. <i>Chemistry of Materials</i> , 2021, 33, 5675-5680.	7.1	10
79	Growth of Epitaxial 100-Oriented KNbO ₃ –NaNbO ₃ Solid Solution Films on (100)cSrRuO ₃ –(100)SrTiO ₃ by Hydrothermal Method and Their Characterization. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09ND11.	1.6	10
80	Unveiling a Chemisorbed Crystallographically Heterogeneous Graphene/L ₁₀ -FePd Interface with a Robust and Perpendicular Orbital Moment. <i>ACS Nano</i> , 2022, 16, 4139-4151.	15.3	10
81	Enhancement of Dielectric Properties in Epitaxial Bismuth Ferrite–Bismuth Samarium Ferrite Superlattices. <i>Advanced Electronic Materials</i> , 2016, 2, 1600170.	5.4	9
82	Investigation of ferrimagnetism and ferroelectricity in Al _x Fe _{2-x} O ₃ thin films. <i>Journal of Materials Chemistry C</i> , 2020, 8, 706-714.	5.6	9
83	Epitaxial Growth of Orthorhombic GaFeO ₃ Thin Films on SrTiO ₃ (111) Substrates by Simple Sol-Gel Method. <i>Materials</i> , 2019, 12, 254.	3.0	8
84	Superconducting transition temperatures in the electronic and magnetic phase diagrams of Sr ₂ VFeAsO ₃ , a superconductor. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 115801.	1.9	8
85	Large Polarization Switching and High-Temperature Magnetoelectric Coupling in Multiferroic GaFeO ₃ Systems. <i>Inorganic Chemistry</i> , 2021, 60, 225-230.	4.2	8
86	MOCVD growth and characterization of BiFeO ₃ –Bi(Zn _{1/2} Ti _{1/2})O ₃ ferroelectric films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 173, 14-17.	3.6	7
87	Strategy to utilize transmission electron microscopy and X-ray diffraction to investigate biaxial strain effect in epitaxial BiFeO ₃ films. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 09O2A5.	1.6	7
88	Effects of chalcogen composition on the thermoelectric properties in Cu ₂ ZnSn(S _{1-x} Se _x) ₄ single crystals. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 101201.	1.6	7
89	Short range biaxial strain relief mechanism within epitaxially grown BiFeO ₃ . <i>Scientific Reports</i> , 2019, 9, 6715.	3.4	7
90	In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2020, 117, .	3.2	7

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91	Multi-factor mediated functional modules identify novel classification of ulcerative colitis and functional gene panel. Scientific Reports, 2021, 11, 5669.	3.4	7
92	Film Thickness Dependence of Crystal Structure in 100-Oriented Epitaxial $\text{Pb}(\text{Zr}_{0.65}\text{Ti}_{0.35})\text{O}_3$ Films Grown on Single-Crystal Substrates with Different Thermal Expansion Coefficients. Japanese Journal of Applied Physics, 2012, 51, 09LA14.	1.6	6
93	Epitaxial thin film growth of garnet-, GdFeO_3 -, and YMnO_3 -type LuFeO_3 using pulsed laser deposition. Thin Solid Films, 2017, 642, 41-44.	1.9	6
94	Effect of Cr substitution on ferrimagnetic and ferroelectric properties of GaFeO_3 epitaxial thin films. Applied Physics Letters, 2018, 113, .	3.2	6
95	Growth mechanism and domain structure study on epitaxial BiFeO_3 film grown on $(\text{La}_{0.3}\text{Sr}_{0.7})(\text{Al}_{0.65}\text{Ta}_{0.35})\text{O}_3$. Journal of Applied Physics, 2020, 127, .	2.3	6
96	Redox-Based Multilevel Resistive Switching in AlFeO_3 Thin-Film Heterostructures. ACS Applied Electronic Materials, 2020, 2, 1065-1073.	4.4	6
97	Synchrotron X-ray diffraction study on a single nanowire of PX-phase lead titanate. Journal of the European Ceramic Society, 2010, 30, 3259-3262.	5.6	5
98	Preferential Crystal Growth of (100)-Oriented BiFeO_3 Films on Si Substrate. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092033.	0.6	5
99	Preparation and characterization of $\text{Ba}(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_3$ thin films for high-frequency applications. Japanese Journal of Applied Physics, 2014, 53, 09PB04.	1.6	5
100	The effects of BaTiO_3 nanodots density support on epitaxial LiCoO_2 thin-film for high-speed rechargeability. Electrochemistry Communications, 2019, 109, 106604.	4.8	5
101	Ferroelectric and ferrimagnetic properties of $\text{Lu-Rh}_{1-x}\text{Fe}_x\text{O}_3$ thin films. Journal of the Ceramic Society of Japan, 2019, 127, 474-477.		
102	Magnetic properties of Single Crystal GaFeO_3 . MRS Advances, 2019, 4, 61-66.	1.0	5
103	A 12.8-Gb/s Daisy Chain-Based Downlink I/F Employing Spectrally Compressed Multi-Band Multiplexing for High-Bandwidth, Large-Capacity Storage Systems. IEEE Journal of Solid-State Circuits, 2019, 54, 1086-1095.	5.7	5
104	Single-Crystal Synthesis of $\text{Lu-Fe}_2\text{O}_3$ -Type Oxides Exhibiting Room-Temperature Ferrimagnetism and Ferroelectric Polarization. Crystal Growth and Design, 2021, 21, 4904-4908.	3.2	5
105	Structural Property and Electric Field Response of a Single Perovskite PbTiO_3 Nanowire Using Micro X-ray Beam. Japanese Journal of Applied Physics, 2010, 49, 09MC09.	1.6	4
106	EVALUATION OF RELATIVE VOLUME FRACTION OF TETRAGONAL PHASE AND RHOMBOHEDRAL PHASE IN $\text{Pb}(\text{Zr,Ti})\text{O}_3$ FILM BY RAMAN SPECTROSCOPY. Integrated Ferroelectrics, 2010, 112, 33-41.	0.7	4
107	Growth of (111) One-Axis-Oriented $\text{Bi}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3$ Films on (100)Si Substrates. Japanese Journal of Applied Physics, 2013, 52, 04CH09.	1.6	4
108	Randomized clinical trial of BiClamp forceps versus clamp-crushing technique in open liver resection. Journal of Hepato-Biliary-Pancreatic Sciences, 2017, 24, 137-142.	2.7	4

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109	Bandgap tuning and optimization of green-emitting Zn ₂ SnO ₄ -Mg ₂ SnO ₄ :Mn ²⁺ using combinatorial pulsed laser deposition. <i>Ceramics International</i> , 2020, 46, 21771-21774.	4.9	4
110	Modulating the Structure and Magnetic Properties of μ -Fe ₂ O ₃ Nanoparticles via Electrochemical Li ⁺ Insertion. <i>Inorganic Chemistry</i> , 2020, 59, 4357-4365.	4.2	4
111	Ferroelectric and magnetic properties in μ -Fe ₂ O ₃ epitaxial film. <i>Applied Physics Letters</i> , 2021, 119, .	3.2	4
112	Crystal Structure Change with Applied Electric Field for (100)/(001)-oriented Polycrystalline Lead Zirconate Titanate Films. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1507, 1.	0.1	3
113	High-Rate Performance of LiCoO ₂ Epitaxial Thin Films with Various Surface Conditions. <i>MRS Advances</i> , 2018, 3, 1243-1247.	1.0	3
114	Determination of rhombohedral structure of BiFeO ₃ single-domain-like films grown on SrTiO ₃ and LaAlO ₃ substrates by X-ray diffraction using $\{2\theta\}$. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 0902BC.	1.6	3
115	rhombohedral epitaxial μ -Fe ₂ O ₃ film grown on SrTiO ₃ substrate by pulsed laser deposition. <i>Physical Review B</i> , 2019, 100, .	3.3	3
116	Soil moisture variability on golf course fairways across the United States: An opportunity for water conservation with precision irrigation. , 2022, 5, .		3
117	Characterizations of epitaxial Bi(Mg _{1/2} Ti _{1/2})O ₃ â€“Bi(Zn _{1/2} Ti _{1/2})O ₃ solid solution films grown by pulsed laser deposition. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FE06.		2
118	Growth of epitaxial bismuth ruthenate pyrochlore films on yttria-stabilized zirconia (YSZ) and YSZ-buffered Si substrates by metalâ€“organic chemical vapor deposition. <i>Thin Solid Films</i> , 2019, 669, 471-474.	1.9	2
119	Excellent electrochemical properties, Li ion dynamics and room temperature work function of Li ₂ MnO ₃ cathode thin films. <i>Nanotechnology</i> , 2021, 32, 385406.	2.7	2
120	Epitaxial strain engineering of luminescent properties in ZnGa ₂ O ₄ :Mn thin films. <i>Applied Physics Express</i> , 2020, 13, 082004.	2.4	2
121	Chlorido[(1,2,5,6- λ)-1,3,5,7-cyclooctatetraene]phenylplatinum(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2163-m2163.	0.2	1
122	Growth of Epitaxial Potassium Niobate Film on (100)SrRuO ₃ /(100)SrTiO ₃ by Hydrothermal Method and their Electromechanical Properties. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1139, 1.	0.1	1
123	Lead-Free Multilayer Piezoceramic Composites: Effect of Cosintering on Electromechanical Properties. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 1127-1134.	3.2	1
124	Electric Transport Characteristics of Gallium Iron Oxide Epitaxial Thin Film. <i>MRS Advances</i> , 2017, 2, 3459-3464.	1.0	1
125	Solid-solution thin films of ternary BaTiO ₃ â€“Bi(Mg _{1/2} Ti _{1/2})O ₃ â€“BiFeO ₃ system epitaxially grown on SrRuO ₃ /SrTiO ₃ substrates via chemical solution process. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 0902B5.	1.6	1
126	Estimation of reactor vessel failure by metallic interaction in Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Nuclear Science and Technology</i> , 2021, 58, 1235-1243.	1.3	1

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127	Surface-supporting method of micropad deposition onto LiCoO_2 ; epitaxial thin films to improve high C-rate performance. Journal of the Ceramic Society of Japan, 2021, 129, 415-418.	1.3	1
128	Epitaxial pillar-matrix nanocomposite thin films of BiFeO_3 and CoFe_2O_4 grown on SrTiO_3 (110). Journal of Applied Physics, 2021, 130, 084101.	2.3	1
129	Enhancement of room-temperature magnetization in GaFeO_3 -type single crystals by Al and Sc doping. AIP Advances, 2022, 12, .	1.3	1
130	Film thickness dependence of in-plane ferroelastic domain structure in constrained tetragonal PbTiO_3 films induced by isotropic tensile strain. Applied Physics Letters, 2022, 121, .	3.2	1
131	Ion Modification for Improvement of Electrical Properties of Perovskite-based Ferroelectric Thin Films Fabricated by Chemical Solution Deposition Method. Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
132	Structural and ferroelectric properties of BiFeO_3 - BiCoO_3 solid solution films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
133	Preparation and characterization of Bi-perovskite oxide films for piezo applications. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
134	Development of novel Pb, Li, Na and K-free piezoelectric materials for Si-based MEMS application. , 2012, , .		0
135	Fabrication of BiFeO_3 - $\text{Bi}(\text{Zn}_{1/2}\text{Ti}_{1/2})\text{O}_3$ Solid Solution Thin Films Using Perovskite-Type Oxide Interface Layer. Key Engineering Materials, 0, 566, 163-166.	0.2	0
136	Reactive sputtering process and properties of $\text{Ba}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ films for high frequency applications. , 2015, , .		0
137	Fabrication and Characterization of Multiferroic $\text{Al}_0.5\text{Fe}_1.5\text{O}_3$ Epitaxial Thin Films. MRS Advances, 2019, 4, 539-544.	1.0	0
138	Suppression Mechanisms of the Solid-Electrolyte Interface Formation at the Triple-Phase Interfaces in Thin-Film Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34027-34032.	8.3	0
139	A surface-supporting method for an anode material of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ via an epitaxial thin film approach. Japanese Journal of Applied Physics, 2021, 60, SFFB11.	1.6	0
140	MEASURED EDUCATION: SENSING, CONFIGURING AND INTERVENING WITH ADVANCED MEDIA. AoIR Selected Papers of Internet Research, 0, , .	0.0	0
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